

CLAIMS

1. Device for fastening a watch strap to a watch case comprising a hinge pin (1) integral with the watch case (2) in which two pivots (8, 9) slide subject to the action of a first return spring (10) tending to separate them so that the external ends of the pivots emerge from the lateral faces of said hinge pin (1), and comprising a fastening element (3) attached to or integrated to the end of a strap provided with two lugs (15) defining between one another a space (16) intended to receive the hinge pin (1), each of these lugs comprising an axial recess (17) leading to the space comprised between these two lugs (15), characterized in that this axial recess (17) is extended towards external lateral faces of the lugs by a hole (22) housing an endstone (21) mounted in a sliding manner in this recess (17), and bearing a push button (20) attached to the external ends of the endstones (21), and by the fact that the hinge pin (1) comprises on its lateral faces an annular housing (25) having a groove (26) defining an advantageous orientation, this annular housing (25) being intended to cooperate with a protrusion (27) located on the internal faces of the lugs (15).
2. Device according to claim 1, characterized in that the endstones (21) are mounted slidably in end tips (19) that are attached into the recesses (17) of the lugs (15), and comprise said holes (22) extending the recesses (17) in order to house an external part 21a of the endstone (21).
3. Device according to one of the previous claims, characterized in that the end tips (19) are comprised with two parts (19a, 19b), an internal part (19a) receiving a second return spring (18) and an external part (21a) of the endstone (21), and an external part (19b) used as a housing for the push button (20).
4. Device according to one of the previous claims, characterized in that each endstone (21) is subject to the action of a second return spring (18), tending to outwardly push the said push buttons (20).
5. Device according to one of the previous claims, characterized in that the protrusions (27) located on the internal faces of the lugs (15) each comprise a guiding cut (28) and, aligned on the longitudinal axis of the axial recesses (17), a

central recess (29) intended to house the external ends of the pivots (8, 9).

- 5 6. Device according to the previous claim, characterized in that the guiding cuts (28) are formed in the protrusions (28) on their external face in the axis of the strap, respecting the advantageous orientation defined by the groove (26) of the annular housing (25).
- 10 7. Watch case, comprising a hinge pin (1) integral with the watch case (2) in which two pivots (8, 9) slide, subject to the action of the return spring (10) tending to separate them, so that the external ends of the pivots emerge from the lateral faces of said hinge pin (1), characterized in that this hinge pin (1) comprises on its lateral faces an annular housing (25) having a groove (26) defining an advantageous orientation.
- 15 8. Fastening element fitted with two lugs (15) defining between one another a space (16) intended to receive a hinge pin (1), each one of these lugs comprising an axial recess (17) leading to the space comprised between these lugs (15), characterized in that this axial recess (17) is extended towards the external lateral faces of the lugs by a hole (22) housing an endstone (21) mounted in a sliding manner in this recess (17), and bearing a push button (20) attached to the external ends of the endstones (21), and by the fact that each lug (15) comprises, on its internal face, a protrusion (27).
- 20 9. Fastening element according to the previous claim, characterized in that it comprises a lateral and oblique guiding cut (28) as well as a central recess (29) intended to house the external ends of the pivots (8, 9) of a hinge pin (1).